



# Recombinant Rat POU domain, class 3, transcription factor 3 (Pou3f3)

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| <b>Product Code</b>      | CSB-BP726891RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Abbreviation</b>      | Pou3f3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                                                                                  |
| <b>Uniprot No.</b>       | Q63262                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Sequence</b>          | MATAASNPYL PGNSLLAAGS IVHSDAAGAG GGGGGGGGGG<br>GGAGGGGGGM QPGSAAVTSG AYRGDPSSVK MVQSDFMQGA<br>MAASNGGHML SHAHQWVTAL PHAAAAAAAA AAAAVEASSP<br>WSGSAVGMAG SPQQPPRPPP PPPQGPDKVG GVGREDLHAG<br>TALHHRGPPH LGPPPPPPHQ GHPGGWGAAA AAAAAAAAAA<br>AAAHLP SMAG GQQPPQSL YSQPGGFTVN GMLSAPPGPG<br>GGGGGAGGGA QSLVHPGLVR GDTPELAEHH HHHHHHAHPH<br>PPHPHHAQGP PHHGGGGAGP GLNSHDPHSD EDTPTSDDLE<br>QFAKQFKQRR IKLGFTQADV GLALGTLYGN VFSQTTICRF EALQLSFKNM<br>CKLKPLL NKW LEEADSSTGS PTSIDKIAAQ GRKRKKRTSI EVSVKGALES<br>HFLKCPKPSA QEITNLADSL QLEKEVVRVW FCNRRQKEKR MTPPGIQQQT<br>PDDVYSQVGT VSADTPPPHH GLQTSVQ |
| <b>Source</b>            | Baculovirus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Target Names</b>      | Pou3f3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Names</b>     | Recommended name: POU domain, class 3, transcription factor 3 Alternative name(s): Brain-specific homeobox/POU domain protein 1 Short name= Brain-1 Short name= Brn-1                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Expression Region</b> | 1-497                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Length</b>    | full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.                                                                                                                                                                                         |



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.